

IQVIA NLP Platform

IQVIA NLP (formerly Linguamatics NLP) unlocks and transforms your data, at scale, from bench to bedside. Our leading natural language processing (NLP) platform is used by 19 of the top 20 pharma companies, as well as leading healthcare organizations and government bodies, to uncover previously hard-to-reach information and reduce manual abstraction.

Discover the true potential of your data with IQVIA NLP.

- Improve patient outcomes
- Speed R&D and clinical processes
- Spark innovation
- Optimize quality and improve efficiency
- Reduce risk and costs

Why IQVIA NLP?

IQVIA NLP not only reads documents for you, but also extracts and normalizes valuable insights, like key facts and relationships, in response to standard search phrases and queries. Hours-long tasks are reduced to minutes, and richer intelligence translates to an enviable competitive advantage on the content sources, please refer to this fact sheet.

- **Connect your sources:** Run NLP algorithms simultaneously across multiple diverse data sources, whether they're local, in the Cloud, or elsewhere.
- **Straight to the answer:** Our NLP instantly delivers high-value knowledge summarized with drill-down to supporting evidence and easy visualizations.
- **Interactive:** IQVIA's NLP provides rapid, transparent, structured results that allow you to easily refine queries on the fly.
- **Clean your data:** Get your data ready for downstream machine learning and predictive analytics models. Save time on data cleaning and provide quality data for improved results.

- **Customize:** Create new, customized interfaces tailored to different types of use and specific projects, with programmatic access to NLP Interactive Extraction functions using RESTful Web Services APIs.

PROVEN CLIENT BENEFITS:

- 95–99% accuracy identifying real world outcomes in heart failure patients
- Up to 99% reduction in manual chart review
- 200x faster phenotype curation
- 100x more effective than manual review of documents by humans.

Accessing IQVIA NLP

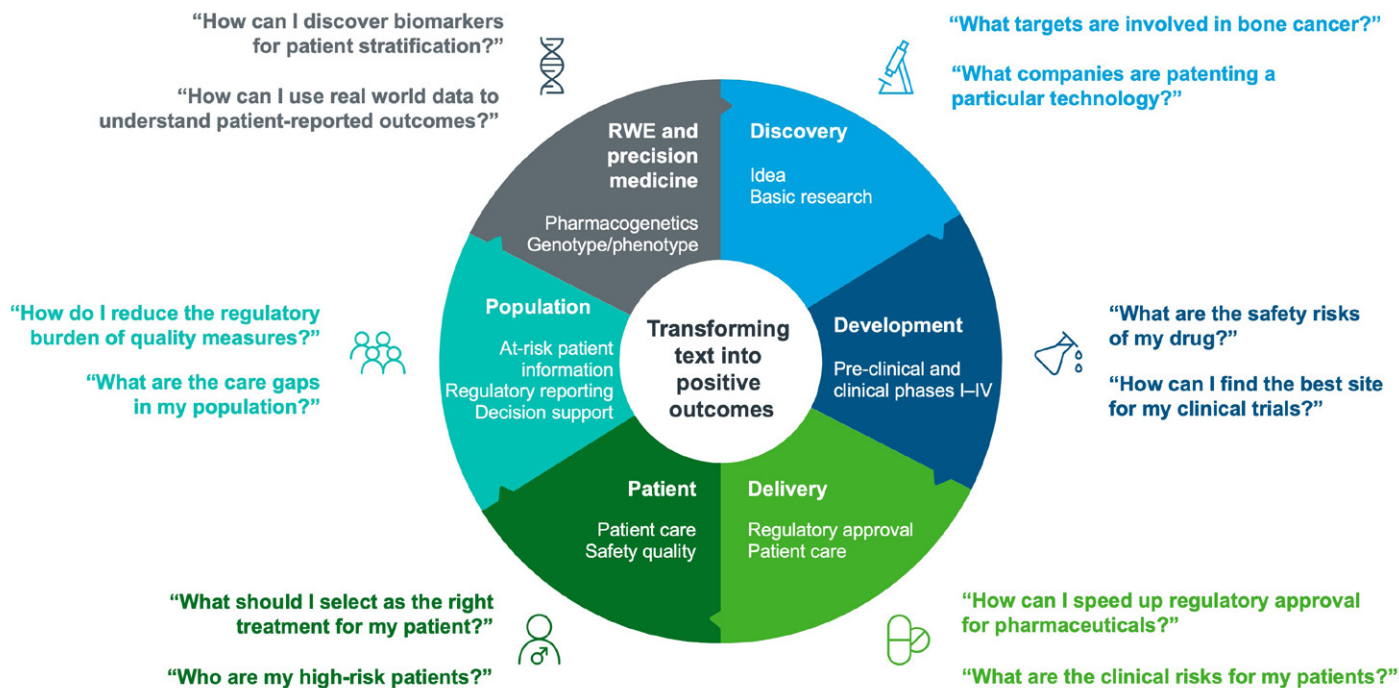
IQVIA NLP offers a range of technologies that focus on key priorities along the journey towards better data-driven insights, whether your goal is to scale, interact, integrate, review or visualize your data.

IQVIA NLP APIS

Get instant access to a suite of healthcare-tuned NLP APIs targeting the most common questions faced by data scientists.

- No NLP experience required.
- JSON output for easy integration.
- Use your own data or access our content library of over 217 million documents.

Take advantage of data from bench to bedside



IQVIA NLP INTERACTIVE EXTRACTION

If your priority is to interact with data, IQVIA NLP Interactive Extraction (formerly Linguamatics i2e) offers a user-friendly front end for building NLP algorithms using domain specific ontologies to extract new insight from processed data.

- Interactively extract and analyze text with full-power NLP capabilities, built flexibly to meet the requirements of the user.
- Deliver answers to a wide range of questions, from simple, open queries to questions that require advanced linguistic analytics.

IQVIA NLP DATA FACTORY

To automate NLP processing at scale, indexed data can be extracted, transformed and accessed via IQVIA NLP Data Factory. Known algorithms can be submitted, loaded and processed according to your business rules, at scale.

- Transform efficiency to deliver comprehensive value across your organization with extraction, enrichment and delivery of critical data

- Easily scale to process millions of documents per hour.
- Accurately surface and normalize features in a repeatable, reproducible and robust pipeline.

IQVIA NLP INSIGHTS HUB

Take new insights to the next level with the IQVIA NLP Insights Hub. View results as impressive data visualizations that can be analyzed, interrogated and interpreted by a much wider audience.

- Cut through the noise and stop spending valuable time gathering and sorting through data from inconsistent and disparate sources.
- Quickly gain an understanding of the data landscape before running highly targeted searches to navigate huge amounts of document and text information.
- Get alerted to new information for your therapy area from internal and external data sources.



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